

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

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|--------------------------|----------------------|
| PRODUCT : | Blood agar base no.2 |
| PRODUCT CODE NO.: | B1420 |

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|-------------------|--------------------------------|
| COLOR | Cream to yellow |
| APPEARANCE | Homogenous free flowing powder |

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|------------------------------------|--|
| pH(post autoclaving/heating) | 7.4+/-0.2 |
| COLOR (post autoclaving/heating) | a)Basal medium- Light amber to yellow.b)After addition of 7%v/v sterile defibrinated blood- Cherry red |
| CLARITY (post autoclaving/heating) | a)Clear to slightly opalescent b)Opaque |

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed with added 5-7% w/v sterile defibrinated blood,after an incubation at 35-37°C for 18-48 hours.

| Organism Description | Inoculum (CFU) | Growth w/ blood | Haemolysis |
|------------------------------------|----------------|------------------|------------|
| Neisseria meningitidis ATCC 13090 | [[50-100]] | [Good-Luxuriant] | [None] |
| Staphylococcus aureus ATCC 25923 | [[50-100]] | [Good-Luxuriant] | [-] |
| Streptococcus pneumoniae ATCC 6303 | [[50-100]] | [Good-Luxuriant] | [alpha] |
| Streptococcus pyogenes ATCC 19615 | [[50-100]] | [Good-Luxuriant] | [beta] |
| E.coli ATCC 25922 | [[50-100]] | [Good-Luxuriant] | [-] |